

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of this application.

Listing of Claims:

1. (Original) A method for retrieving data for use in an interactive television application system in which non-on-demand media data is provided by a non-on-demand media data source and on-demand media data is provided by an on-demand media data source, wherein the non-on-demand and on-demand media data sources are separate, comprising:

retrieving the non-on-demand media data from the non-on-demand media data source;

automatically retrieving the on-demand media data from the on-demand media data source;

automatically caching the on-demand media data; displaying the on-demand media data from cache in response to a user indication to access at least the on-demand media data; and

displaying the non-on-demand media data in response to a user indication to access at least the non-on-demand data.

2. (Original) The method of claim 1, wherein the non-on-demand media data retrieved is television program listings data.

3. (Original) The method of claim 1, wherein the on-demand media data retrieved is genre data.

4. (Original) The method of claim 1, wherein the on-demand media data retrieved is interactive television application software data.

5. (Original) The method of claim 1, wherein the on-demand media data retrieved is video-on-demand listings data.

6. (Original) The method of claim 1, wherein the on-demand media data retrieved is audio-on-demand listings data.

7. (Original) The method of claim 1, wherein the on-demand media data retrieved is interactive video game listings data.

8. (Original) The method of claim 1, wherein the on-demand media data retrieved is weather data.

9. (Original) The method of claim 1, wherein the on-demand media data retrieved is sports statistics data.

10. (Original) The method of claim 1, wherein the on-demand media data retrieved is stock market data.

11. (Original) The method of claim 1, further comprising providing metadata contemporaneously with non-on-demand media data.

12. (Original) The method of claim 1, further comprising providing metadata contemporaneously with on-demand media data.

13. (Original) The method of claim 1, further comprising retrieving on-demand media data from the on-demand media data source in response to a user selection of an on-demand media listing.

14. (Original) The method of claim 1, further comprising determining if the on-demand media data is cached.

15. (Original) The method of claim 1, further comprising determining if on-demand media data needs to be retrieved from the on-demand media data source.

16. (Original) The method of claim 1, further comprising determining whether a connection exists between the interactive television application system and the on-demand media data source.

17. (Original) The method of claim 1, further comprising establishing a connection between the interactive television application system and the on-demand media data source.

18. (Original) The method of claim 1, further comprising retrieving on-demand media data from multiple on-demand media data sources.

19. (Original) The method of claim 1, further comprising caching on-demand media data from multiple on-demand media data sources.

20. (Original) The method of claim 1, further comprising displaying non-on-demand media data and on-demand media data concurrently.

21. (Currently Amended) Computer-readable media for retrieving data for use in an interactive television application system in which non-on-demand media data is provided by a non-on-demand media data source and on-demand media data is provided by a on-demand media data source, wherein the on-demand and non-on-demand media data sources are separate, where the computer-readable media is encoded with machine-readable instructions for performing the method comprising:

retrieving the non-on-demand media data from the non-on-demand media data source;

automatically retrieving the on-demand media data from the on-demand media data source;

automatically caching the on-demand media data; displaying the on-demand media data from cache in response to a user indication to access at least the on-demand media data; and

displaying the non-on-demand media data in response to a user indication to access at least the non-on-demand data.

22. (Original) The computer-readable media of claim 21, wherein the non-on-demand media data retrieved is television program listings data.

23. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is genre data.

24. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is interactive television application software data.

25. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is video-on-demand listings data.

26. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is audio-on-demand listings data.

27. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is interactive video game listings data.

28. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is weather data.

29. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is sports statistics data.

30. (Original) The computer-readable media of claim 21, wherein the on-demand media data retrieved is stock market data.

31. (Original) The computer-readable media of claim 21, further comprising providing metadata contemporaneously with the non-on-demand media data.

32. (Original) The computer-readable media of claim 21, further comprising providing metadata contemporaneously with the on-demand media data.

33. (Original) The computer-readable media of claim 21, further comprising retrieving on-demand media data from the on-demand media data source in response to a user selection of an on-demand media listing.

34. (Original) The computer-readable media of claim 21, further comprising determining if the on-demand media data is cached.

35. (Original) The computer-readable media of claim 21, further comprising determining if on-demand media data needs to be retrieved from the on-demand media data source.

36. (Original) The computer-readable media of claim 21, further comprising determining whether a connection exists between the interactive television application system and the on-demand media data source.

37. (Original) The computer-readable media of claim 21, further comprising establishing a connection between the interactive television application system and the on-demand media data source.

38. (Original) The computer-readable media of claim 21, further comprising retrieving on-demand media data from multiple on-demand media data sources.

39. (Original) The computer-readable media of claim 21, further comprising caching on-demand media data from multiple on-demand media data sources.

40. (Original) The computer-readable media of claim 21, further comprising displaying non-on-demand media data and on-demand media data concurrently.

41. (Original) A system for retrieving data for use in an interactive television application system in which non-on-demand media data is provided by a non-on-demand media data source and on-demand media data is provided by a on-demand media data source, wherein the on-demand and the non-on-demand media data sources are separate, comprising:

- a means for retrieving the non-on-demand media data from the non-on-demand media data source;

- a means for automatically retrieving the on-demand media data from the on-demand media data source;

- a means for automatically caching the on-demand media data;

- a means for displaying the on-demand media data from cache in response to a user indication to access at least the on-demand-media data; and

- a means for displaying the non-on-demand media data in response to a user indication to access at least the non-on-demand data.

42. (Original) The system of claim 41, wherein the non-on-demand media data retrieved is television program listings data.

43. (Original) The system of claim 41, wherein the on-demand media data retrieved is genre data.

44. (Original) The system of claim 41, wherein the on-demand media data retrieved is interactive television application software data.

45. (Original) The system of claim 41, wherein the on-demand media data retrieved is video-on-demand listings data.

46. (Original) The system of claim 41, wherein the on-demand media data retrieved is audio-on-demand listings data.

47. (Original) The system of claim 41, wherein the on-demand media data retrieved is interactive video game listings data.

48. (Original) The system of claim 41, wherein the on-demand media data retrieved is weather data.

49. (Original) The system of claim 41, wherein the on-demand media data retrieved is sports statistics data.

50. (Original) The system of claim 41, wherein the on-demand media data retrieved is stock market data.

51. (Original) The system of claim 41, further comprising a means providing metadata contemporaneously with non-on-demand media data.

52. (Original) The system of claim 41, further comprising a means for providing metadata contemporaneously with on-demand media data.

53. (Original) The system of claim 41, further comprising a means for retrieving on-demand media data from the on-demand media data source in response to a user selection of an on-demand media listing.

54. (Original) The system of claim 41, further comprising a means for determining if the on-demand media data is cached.

55. (Original) The system of claim 41, further comprising a means for determining if on-demand media data needs to be retrieved from the on-demand media data source.

56. (Original) The system of claim 41, further comprising a means for determining whether a connection exists between the interactive television application system and the on-demand media data source.

57. (Original) The system of claim 41, further comprising a means for establishing a connection between the interactive television application system and the on-demand media data source.

58. (Original) The system of claim 41, further comprising a means for retrieving on-demand media data from multiple on-demand media data sources.

59. (Original) The system of claim 41, further comprising a means for caching on-demand media data from multiple on-demand media data sources.

60. (Original) The system of claim 41, further comprising a means for displaying non-on-demand media data and on-demand media data concurrently.

61. (Original) A system for retrieving data for use in an interactive television application system in which non-on-demand media data is provided by a non-on-demand media data source and on-demand media data is provided by an on-demand media data source, wherein the non-on-demand and on-demand media data sources are separate, comprising:

- a communications device for communicating with the on-demand media data source and non-on-demand media data source;

- cache memory;

- a display device;

- a user input device;

- control circuitry programmed to:

- direct the communications device to retrieve the non-on-demand media data from the non-on-demand media data source;

- automatically direct the communications device to retrieve the on-demand media data from the on-demand media data source;

- automatically cache the on-demand media data in the cache memory;

- in response to receiving a user indication to access at least the on-demand media data from the user

input device, direct the display device to display the on-demand media data cached in the cache memory; and

in response to receiving a user indication to access at least the non-on-demand media data from the user input device, direct the display device to display the non-on-demand media data.

62. (Original) The system of claim 61, wherein the non-on-demand media data retrieved is television program listings data.

63. (Original) The system of claim 61, wherein the on-demand media data retrieved is genre data.

64. (Original) The system of claim 61, wherein the on-demand media data retrieved is interactive television application software data.

65. (Original) The system of claim 61, wherein the on-demand media data retrieved is video-on-demand listings data.

66. (Original) The system of claim 61, wherein the on-demand media data retrieved is audio-on-demand listings data.

67. (Original) The system of claim 61, wherein the on-demand media data retrieved is interactive video game listings data.

68. (Original) The system of claim 61, wherein the on-demand media data retrieved is weather data.

69. (Original) The system of claim 61, wherein the on-demand media data retrieved is sports statistics data.

70. (Original) The system of claim 61, wherein the on-demand media data retrieved is stock market data.

71. (Original) The system of claim 61, wherein metadata is contemporaneously retrieved along with the non-on-demand media data.

72. (Original) The system of claim 61, wherein metadata is contemporaneously retrieved with the on-demand media data.

73. (Original) The system of claim 61, wherein the control circuitry is directed to determine if the on-demand media data is cached in the cache memory.

74. (Original) The system of claim 61, wherein the control circuitry is directed to determine if on-demand media data needs to be retrieved from the on-demand media data source.

75. (Original) The system of claim 61, wherein the control circuitry is directed to determine whether a connection exists between the communications device and the on-demand media data source.

76. (Original) The system of claim 61, wherein the control circuitry is directed to establish a connection between the communications device and the on-demand media data source.

Appl. No. 09/974,666
Reply dated January 25, 2007
Reply to Office Action of August 25, 2006

77. (Original) The system of claim 61, wherein the control circuitry is directed to retrieve on-demand media data from multiple on-demand media data sources using the communications device.

78. (Original) The system of claim 61, wherein the control circuitry is directed to cache on-demand media data from multiple on-demand media data sources in the cache memory.

79. (Original) The system of claim 61, wherein the control circuitry is directed to display non-on-demand media data and on-demand media data concurrently on the display device.